

Notice of Allowability

Application No.

10/698,978

Examiner

Bharat N. Barot

Applicant(s)

RUGGABER ET AL.

Art Unit

2155

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed on 04/20/2007.
2. ☒ The allowed claim(s) is/are 1-18.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date See Continuation Sheet
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

Bharat Barot
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PRIMARY EXAMINER
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Continuation Sheet (PTOL-37)

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Continuation of Attachment(s) 3. Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date: 2/26/07, 3/1/07, and 5/7/07.

3/19/04 and 6/1/2004

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.
2. The application has been amended as follows:

Specification

- (A) Page 15 line 26 “, **or propagated signal**” has been deleted.
- (B) Page 15 line 29 “, **or propagated signal**” has been deleted.

Claims

- (A) Claim 9 line 2

--computer readable storage medium storing-- has been inserted after “comprising”;

--when executed by a processor,-- has been inserted after “instructions”;

first “to” has been deleted;

--the-- has been inserted in place of “a” after “a” has been deleted; and

--perform the steps of-- has been inserted after “processor to”.

- (B) Claim 14 line 2

--computer readable storage medium storing-- has been inserted after “comprising”;

--when executed by a processor,-- has been inserted after “instructions”;

first “to” has been deleted;

--the-- has been inserted in place of “a” after “a” has been deleted; and

--perform the steps of-- has been inserted after “processor to”.

REASONS FOR ALLOWANCE

3. The following is an Examiner's Statement of Reasons for Allowance:

Claims 1-18 are allowable over the prior art of record.

The examiner has found that the prior art of record shows similar limitations but not in the same scope, arrangement, or combination of

a network configured to register a message subscription and an acknowledgement subscription, to process the message subscription and the acknowledgement subscription, to forward the message to the consumer based on the message subscription and to forward the acknowledgement to the producer based on the acknowledgement subscription, the message subscription corresponds to a type of message content of interest to the consumer, and the acknowledgement subscription corresponds to a type of acknowledgement content of interest to the producer as set forth in the independent claim 1; and

an application program interface (API) for content-based messaging comprising instructions to cause a processor to: receive a message from a producer application/an interface according to a message subscription; register an acknowledgement subscription for an acknowledgement to the message; modify the message by adding/removing at least one field to the message; forward the message to an interface to publish the message to a content-based message network/a consumer application according to an acknowledgement subscription; and receive the acknowledgement from the interface according to the acknowledgement subscription, the message subscription corresponds to a type of message content of interest to the consumer, and the

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acknowledgement subscription corresponds to a type of acknowledgement content of interest to the producer at set forth in the independent claims 9 and 14.

4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

CONTACT INFORMATION

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Bharat Barot** whose Telephone Number is **(571) 272-3979**. The examiner can normally be reached on Monday-Thursday from 7:00 AM to 4:00 PM and Friday 7:00 AM to 11:00 AM. Most facsimile-transmitted patent application related correspondence is required to be sent to the Central FAX Number **(571) 273-8300**.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Saleh Najjar**, can be reached at **(571) 272-4006**.

Patent Examiner Bharat Barot

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June 13, 2007

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